

(12) UK Patent Application (19) GB (11) 2 200 642 A (13)

(43) Date of printing by UK Office 10 Aug 1988

(21) Application No 8806391

(22) Date of filing 17 Jul 1987

(30) Priority data  
(31) 6983/86 (32) 17 Jul 1986 (33) AU  
1046/87 24 Mar 1987

(86) International application data  
PCT/AU87/00226 En 17 Jul 1987

(87) International publication data  
WO88/00597 En 28 Jan 1988

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(51) INT CL<sup>4</sup>(as given by ISA)  
C07K 7/06 A61K 39/015 39/395 C07K 15/12 C12N  
5/00 15/00

(52) Domestic classification (Edition J):  
C3H 804 819 F2AA F5A  
U1S 2419 C3H

(56) Documents cited by ISA  
AU A 66877/86 AU A 39959/85  
Proceedings of the National Academy of Sciences  
(USA), Volume 82, August 1985, pages 5121 to 5125  
Journal of Immunological Methods, Volume 86, 1986  
pages 257 to 264  
Chemical Abstracts, Volume 102, No 3, 1985 January  
page 378 Abstract No. 20993

(58) Field of search by ISA  
IPC WPI and WPIL Keyword: Plasmodium  
falciparum  
US USPA, USP77 USP70  
Chemical Abstracts Keyword: Plasmodium  
falciparum  
AU: C07K 15/12, 13/00  
C07G 7/00  
A61K 39/015

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(54) Small molecular weight antigen of Plasmodium falciparum

(57) A small molecular weight antigen of the asexual blood stages of *Plasmodium falciparum* which is characterized by:  
(i) having an apparent molecular weight in the range of approximately 15 kD to 19 kD; (ii) not showing significant glycosylation by galactose or glucosamine labelling, but being acylated by myristic acid; (iii) being associated with the parasitophorous vacuole membrane and with inclusions and vesicles residing within the cytoplasm of the erythrocyte host cell; and (iv) being recognised by monoclonal antibodies against the asexual blood stages of *P. falciparum* which inhibit parasite growth *in vitro*; or an antigenic fragment thereof. A monoclonal antibody specific for this antigen, and a hybrid cell line which produces this antibody is also disclosed.

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